



CONNECTICUT FIRE ACADEMY

2005
JUNE
FIRE
SCHOOL

*Maintenance for the
Fire Service's most
important equipment ...*





You



W E L C O M E

Please join us and emergency responders from throughout Connecticut for the 23rd annual June Fire School to learn new skills, perfect current talents, and gather thought provoking information.

There will be a format change to the school this year as we provide opening remarks each morning from 8:00 to 8:30 AM, prior to the beginning of the classes scheduled for the day. Keynote speakers will provide current fire service information that can be immediately applied throughout fire service and emergency response communities.

June Fire School includes a number of new classes along with some very popular classes that have been offered in previous years. There is a six-day National Fire Academy class on Advanced Safety Operations and Management and a full day presentation on High-Impact, High-Energy Training for the Modern Fire Service. There will be a group of nationally renowned speakers including Chief Dennis Compton and Tim Sendelbach on the schedule for the week.

We are also in the process of scheduling some nighttime activities for those who may stay in the area. Our aim is to give participants an even greater opportunity to network with peers.

To Your Success,

Adam D. Piskura, *Director*
Connecticut Fire Academy

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Course Summary

Saturday June 4	Sunday June 5	Monday June 6	Tuesday June 7	Wednesday June 8	Thursday June 9	Friday June 10
Advanced Safety Operations & Management NFA	Advanced Safety Operations & Management NFA	Advanced Safety Operations & Management NFA	Advanced Safety Operations & Management NFA	Advanced Safety Operations & Management NFA	Advanced Safety Operations & Management NFA	Aircraft Rescue & Firefighting for Ground Based Firefighters
Firefighter Safety & Survival	Firefighter Safety & Survival	Taking Care of Our Own®	Compressed Air Foam Systems	Preparing for Promotional Interviews	Rapid Intervention Team	Mark 1 Kit TtT (pm)
Introduction to Bus Extrication	Introduction to Bus Extrication	Basic Rope Rescue	Basic Rope Rescue	Structural Firefighting	Bloodborne Pathogens TtT (pm)	Rapid Intervention Team
Citizen Corp (pm)	Flashover Survival	MRT Refresher (2)	MRT Refresher (2)	Highway Safety VFIS (pm)	Rescue Technician Core	Rescue Technician Core
MRT Refresher (1)	MRT Refresher (1)	Smoke Divers	Smoke Divers	Public Information Officer	Structural Firefighting	Station Evaluator Training (pm)
Tanker Shuttle Rural Tanker Operations	Tanker Shuttle Rural Tanker Operations	Managing Effective Fire Streams	Decon Trailer Operations (pm)	Tactical Considerations for Aerial Apparatus	Basic Pump Operation & Hydraulics	Basic Pump Operation & Hydraulics
Implementing AVL & GPS Technology in your Fire Service	Rescue Technician Core	Emergency Service Interoperable Communications in CT (pm)	Advancing the Initial Handline	Rescue Technician Core	Planning For & Safety in Waterfront & Marina Operations	New Vehicle Technology for the First Responder
Module 1 Pathways to NFPA 704 Certification	Confined Space Refresher	Rescue Technician Core	Chemical Exposure Suits (pm)	Standpipe Operations	Public Information Officer	The Science of Politics & the Fire Service (pm)
Car Fires	Forcible Entry	Fire Apparatus Accident & Investigation	Rescue Technician Core	Advanced Firestreams	Hazmat Technician Refresher 40 hour EPA	Helicopter Rescue Operations
NIMS Informational Session (pm)		Vent Enter Search	Tactical Considerations for Aerial Apparatus	Fire Department Billing (pm)	Air Monitoring Rational for WMD	
Hurst Tool		Apparatus Leasing (pm)	Street Smart Hazmat Response (pm)	Strategy & Tactics/ Peterborough	Aircraft Rescue & Firefighting for Ground Based Firefighters	
			Responding to Utility Emergencies	Scott Air Pack Field Maintenance 2.2-4.5		
			OSHA Mandates (pm)	High-Impact, High-Energy Training for the Modern Fire Service		
			Strategy & Tactics/ Peterborough			

Advanced Safety Operations and Management NFA

Course #: 05150	Days: June 4, 5, 6, 7, 8, 9	Time: 8:30 - 4:30	Fee: \$ 50.00
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This 6-day course focuses on applying the risk management model to health and safety aspects of emergency services operations, including program management, day-to-day operations, and incident safety. Content areas include firefighter and emergency services fatality and injury problems; the risk management process; safety responsibilities of department members; regulations, standards, and policies affecting emergency services safety and appropriate documentation and recordkeeping pertaining to firefighter and emergency services health and safety.

This course is designed for company-level officers, chief officers, and civilian managers who have department-level health and safety responsibilities (such as program planning and implementation), who may serve as an Incident Safety Officer, or who simply have an interest in firefighter and emergency services safety and health issues.

Class hours: 48

“Advancing the Initial Handline” Engine Company Operations

Course #: 05178	Days: June 7	Time: 8:30 - 4:30	Fee: \$ 30.00
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“As the first handline goes....so goes the fire!”

- How many fires have you gone to recently, only to be frustrated to find that the initial handline is still not putting water on the fire.
- That the handline is loaded with kinks and the firefighter at the nozzle cannot figure out why there is no water coming out?
- How many times did preconnects just did not reach? Can you estimate the proper stretch?
- Are you aware that the main cause for a documented Line of Duty Death in a large Midwestern city was directly attributed to kinks in the handline?

With the required training that all Fire Departments have to conduct, we have gotten away from the basics of firefighting. In this course we will review initial Engine Company size up, handline selection, and handline placement.

Types of nozzles will be reviewed and flow tested so students will be familiar with them. Engine company member’s duties will be discussed and teamwork will be stressed. The training will culminate with a live burn at the CFA’s burn building. Our goal is for the student to go back to their respective fire departments with this knowledge and pass on “The Basics”!

Full Protective clothing, including SCBA with one spare cylinder, is required

Class hours: 8

Advanced Fire Streams

Course #: 05192	Days: June 8	Time: 8:30 - 4:30	Fee: \$ 30.00
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This program has been called “Water 101” but it is much more than that. It speaks to what is at the very heart of what we do in the fire service. It begins with an overview of our mission that includes history, sociology, economics, psychology and physics. Not as an academic or intellectual inquiry, but from a down-and-dirty “this is the real world of firefighting today” point of view. Why? Because it’s not enough to see what we do on the fireground...either consciously or unconsciously...we have to understand the why of what we do.

This interactive, seminar-style program continues with a review of basic fireground hydraulics, including engine and nozzle pressure, friction loss, flow and reaction force. We look at size and length of hose. We examine the major categories of nozzles: smooth bore and fog, including fixed baffle, adjustable gallonage and automatic, standard and low pressure. We look at staffing and training issues and how they relate to our SOPs. We are ruthlessly politically incorrect. There are no hidden agendas and this is no place for a closed mind.

Presented by Donald McD. Chambers, District Manager Akron Brass

Full protective clothing (no SCBA) is required

Class hours: 8

Air Monitoring Rational for WMD

Course #: 05202	Days: June 9	Time: 8:30 - 4:30	Fee: \$ 30.00
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When responding to a WMD incident, it is critical that the agent be identified as soon as possible. The thought process should involve protecting oneself and detecting the agent or agents of harm. Most responders under utilize their detectors in standard hazmat response and seem to get away with it, but in a WMD event the importance of monitoring is critical in making key decisions; like determining a hoax, establishing zones, making evacuation decisions, mandating PPE and decontamination needs.

Conventional and non-conventional monitoring devices must be utilized to their fullest in order to protect the responders and the community they serve.

It is not the intention of this course to cover all of the information related to air monitoring strategies but to provide the user with a sample air monitoring procedure, rational and its important role in emergency response.

Presented by Frank Docimo of Docimo & Associates

Full Protective clothing, including SCBA is required

Class Hours: 8

Apparatus Leasing

Course #: 05175	Days: June 6	Time: 12:30 - 4:30	Fee: \$ 15.00
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This class gives attendees a general overview of types of financing programs available and how the economy affects financing. Discussion of strategic replacement programs as well as how to plan financing with them. The course will cover current community financing trends and costs relative to both municipal government and the volunteer fire service. There will be discussion on various apparatus manufacturer payment and financing options, leasing versus bonding and the cost associated with each.

Trends in financing will also discuss how the current economy is affecting outright purchasing.

Presented by Kenneth Parker from Laurel Mountain Leasing & Financial Services Inc.

Class hours: 4

Aircraft Rescue and Firefighting For Ground Based Firefighters

Course #: 05197	Days: June 9, 10	Time: 8:30 - 4:30	Fee: \$ 65.00
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This course is offered to assist municipal fire departments that respond to aircraft emergencies with standard structural and airport fire equipment. Topics include: various types of incidents, crash without fire, crash with fire, types of aircraft from small private to large commercial and military, exposure conditions at the crash site, effect of weather, access to the crash site, communications, personal protection and support agencies. Also covered: What to expect when the FAA and NTSB arrive on scene.

Full protective clothing, including SCBA with one spare cylinder, is required on the second day of class.

Prerequisite: Applicants must be Certified Firefighter 1 or firefighters who have been a member of a fire department on or before July 1, 1977. Proof must be submitted with application.

Class hours 16

FM Credit: 3 hours

Basic Pump Operation and Hydraulics

Course #: 05198	Days: June 9, 10	Time: 8:30 - 4:30	Fee: \$ 60.00
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This basic program examines the components and controls in the operation of a fire pump. The internal parts of a fire pump are examined with the goal of having the student fully understand how the fire pump moves water. Pump panel controls are discussed in relation to the specific function and use of each device. The process and specific functions involved in drafting and hydrant operations are explained in detail. Students will practice setting up for pumping operations.

Participants will learn how to determine and overcome friction loss, how to calculate theoretical pump pressure and how to apply easy-to-use “rule of thumb” principles of relay pumping, operating handlines, supplying sprinklers and standpipe systems. On the training ground, students will apply practical applications while flowing water at prescribed pressures.

Full protective clothing and hearing protection (no SCBA) is required.

Class hours: 16

Basic Rope Rescue

Course #: 05167	Days: June 6, 7	Time: 8:30 - 4:30	Fee: \$ 125.00
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This course is a basic overview of rope rescue equipment and its use, basic rigging, anchoring and anchoring systems, rappelling using the figure eight plate, belay techniques, victim pick-offs and safety. There will also be an overview of the NFPA 1983 Standard.

Students are required to bring their own helmet, new or non-contaminated gloves and hard sole boots to this course.

Class hours: 16

Bloodborne Pathogens Train-the-Trainer

Course #: 05196	Days: June 9	Time: 12:30 - 4:30	Fee: \$15.00
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If in the course of their duties, employees are faced with the possibility of being exposed to blood or bodily fluids, an Exposure Control Plan for Bloodborne Pathogens must be in place.

This half day course will be an overview of the OSHA 29 CFR 1910.1030 Bloodborne Pathogens Standard and how a fire department can ensure compliance to this standard.

Topics will include: controlling exposures through proper workplace habits and personal protection; decontamination procedures; reporting exposures; and training records.

Generalized resources will be provided so instructors can return to their department and provide this necessary annual training. Participants must be a certified Fire Service Instructor or Emergency Medical Service Instructor. Proof of Instructor Certification must be submitted with application.

Class hours: 4

Car Fires

Course #: 05157	Days: June 4	Time: 8:30 - 4:30	Fee: \$ 50.00
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Car Fires is a one-day course that addresses the hazards encountered while fighting vehicle fires. Some key items of discussion will include: vehicle bumpers, batteries, pollution control devices, interiors, plastic gasoline tanks, vehicle leveling systems and struts for windows, lift gates and trunklids. The afternoon will include practical hands-on live firefighting.

Full Protective clothing, including SCBA with one spare cylinder, is required.

Class hours: 8

FM Credit: 4 hours

Chemical Exposure Suits

Course #: 05179	Days: June 7	Time: 12:30 - 4:30	Fee: \$ 15.00
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This 4 hour class focuses on chemical protective clothing including Dupont's new Tychem ThermoPro which has a chemical barrier that will not melt, burn, or drip. There will be a demonstration of Dupont's SafeSpec chemical garment selection program which is available on the internet. There will be a video program that discusses the numerous issues faced by the Hazmat community with commentary from "experts" throughout the country. The instructor will give a technical review of Nomex LimitedWear an inexpensive, lightweight, reusable garment that passes NFPA 2112 and also offers electrical arc protection.

Time will be allotted for participants to spend time donning and doffing chemical protective garments.

Class hours: 4

Citizen Corp

Course #: 05153	Days: June 4	Time: 12:30 - 4:30	Fee: \$ 15.00
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The mission of the Citizen Corps is to harness the power of every individual through education, training, and volunteer service to make communities safer, stronger, and better prepared to respond to threats of terrorism, crime, public health issues, and disasters of all kinds.

This short program will provide information on how to develop a Citizen Corps Council in your community that will help create the groundwork for the long-term security of our neighborhoods, our communities, and our nation.

Class hours: 4

Compressed Air Foam Systems

Course #: 05176	Days: June 7	Time: 8:30 - 4:30	Fee: \$ 30.00
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For some, compressed air foam systems (CAFS) might appear to be a radically new development in the fire service. In fact, CAFS has been in use in the United States for over three decades. Over the past five years Neal E. Brooks has traveled the country extensively, doing hundreds of CAFS demonstrations, live burns and other presentations. Neal feels there has been an increased awareness of the existence and use of CAFS; but there still remains some confusion and misconceptions of what CAFS is capable of doing.

The morning segment of this full day class will review an introduction to foams, Class A foam technology, fireground operations, basics and maintenance of the Darley AutoCAFS system. The afternoon session will include CAFS pump operations, foam systems and review fireground evolutions.

Neal E. Brooks has recently authored a 4 part article in Fire Apparatus Magazine on compressed air foam systems.

Full protective clothing (no SCBA) is required.

Class hours: 8

Confined Space Refresher

Course #: 05164	Days: June 5	Time: 8:30 - 4:30	Fee: \$ 40.00
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This one day course is designed to maintain the rescuer's competency and to keep abreast of the hazards that the rescuer is faced with when entering a confined space atmosphere to initiate a rescue. The morning session will start in the classroom for an overview of the rescue and safety objectives and procedures of confined space rescue. The session will then move to the training ground for hands-on exercises for review of equipment and rigging. The afternoon session will be spent participating in hands-on scenarios that the rescuer is faced with when responding to a confined space rescue incident.

Prerequisites: Applicants must have completed the two-day Confined Space Rescue or its equivalent. Proof must be submitted with application.

Class hours: 8

Decon Trailer Operations

Course #: 05177	Days: June 7	Time: 12:30 - 4:30	Fee: \$ 15.00
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Learn the capabilities and operation of the 34 trailers to be located throughout the State of Connecticut. This 1/2 day class will give the student an understanding of the full operation on the Mass Decon Trailers stored throughout the State of Connecticut. The Decon trailer has a telescoping radio antenna fixed to the roof, mobile repeater, and a hot water tank. The Decon Trailer can also be used as an Incident Command Post.

Class hours: 4

Emergency Service Interoperable Communications in Connecticut

Course #: 05172	Days: June 6	Time: 12:30 - 4:30	Fee: \$ 15.00
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This program discusses current initiatives within the area of fire and emergency service interoperable radio communications within Connecticut. Training and demonstrations will be done using a variety of existing and proposed systems such as ICALL/ITAC and other interoperability on-scene communication systems. National and Statewide planning initiatives currently in progress will also be discussed.

Class hours: 4

Fire Apparatus Accidents and Investigations

Course #: 05173	Days: June 6	Time: 8:30 - 4:30	Fee: \$ 30.00
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Crash incidents involving fire apparatus continue to take its toll in lives and property in the fire service community. Indeed, such incidents continue to be a leading cause of firefighter deaths and injuries throughout the country. The fire service community needs to take a more active roll in understanding the root causes of such incidents with a focus on what causes these types of crashes and what we can accomplish in terms of Emergency Vehicle Operations Training that will assist in the reduction of such incidents.

The Fire Department of the City of New York has always taken a proactive roll in safety in the fire service. One of the functions of the Safety Command (formerly Safety Battalion) is to conduct investigations into serious vehicle crashes involving department vehicles and apparatus. Over the last year research and training in the field of fire apparatus safety and collision investigation/loss prevention has been conducted by Stephen A. Coulon in conjunction with the Fire department of the City of New York.

In order to determine vehicle dynamics with regard to braking and acceleration of the fire apparatus and ambulances assigned to FDNY certain testing was conducted at the Fire Academy at Randall's Island, NY. The results of this testing were incorporated into the curriculum of this training course which was approved by the FDNY Bureau of Training.

This presentation is delivered by Stephen A. Coulon who is a Collision Reconstruction Specialist and a Fire Service Instructor.

Class hours: 8

Fire Department Billing

Course #: 05193	Days: June 8	Time: 12:30 - 4:30	Fee: \$15.00
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This 4 hour class will cover information on fire department billing for specific services. Information will cover how a third party agent can work to complete billing and collection services from insurance agencies for emergency services rendered. Emergency responses such as an auto accident, vehicle fire, or vehicle related hazardous materials incident may entitle your department to bill an insurance company for your services or have that billing service performed by a third party company. Even if your department is a municipal department that collects taxes for services there may be insurance monies available for fire department reimbursement for services rendered.

Class hours: 4

Firefighter Safety and Survival

Course #: 05151	Days: June 4, 5	Time: 8:30 - 4:30	Fee: \$ 95.00
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This is an intensive two-day course on firefighter survival training. Using scenario based real-life incidents, this course identifies problems that were encountered, and offers possible solutions for the safe and efficient removal of members in distress. Safely removing a trapped or unconscious firefighter from a burning building can be a labor-intensive operation. Self-rescue procedures, such as low profile ladder egress, and personal rope bail-out procedures will give the participant options if caught in a rapidly deteriorating situation.

Full Protective clothing, including SCBA with one spare cylinder, is required.

Prerequisites: Applicants must be a Certified Firefighter I

Class hours: 16

FM Credit: 4 hours

Flashover Survival

Course #: 05161	Days: June 5	Time: 8:30 - 4:30	Fee: \$ 95.00
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This intensive course deals with fire behavior and firefighter survival training. Students will learn to recognize the signs of a pending flashover and participate in a controlled flashover. A flashover simulator will be utilized for this live fire training evolution.

Full protective clothing, including SCBA with one spare cylinder, is required. Student should bring a bottle of water or sport drink. The CFA will not be responsible for damages to PPE.

Prerequisites: Applicants must be a Certified Firefighter I

A separate permission slip is required at time of registration.

Class Hours: 8

Forcible Entry

Course #: 05162	Days: June 5	Time: 8:30 - 4:30	Fee: \$ 75.00
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This course is designed for firefighters, fire officers and rescue personnel to help improve tactical operations at fires and emergencies. Special emphasis will be placed upon the unique problems of the urban fire department. Topics will include size-up, fireground tactics and procedures, conventional forcible entry, "through-the-lock" entry, power tools, building construction and tactical ventilation.

Full protective clothing (no SCBA) is required.

Class hours: 8

High-Impact, High-Energy Training For the Modern Fire Service

Course #: 05185	Days: June 8	Time: 8:30 - 4:30	Fee: \$ 60.00
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Fire departments that lack high-quality, high-impact training are faced with operational deficiencies, cultural stagnation and general dissatisfaction amongst its members.

This high energy multi-media presentation will cover an overview of the skills and personal characteristics necessary to develop and deliver a HIGH-IMPACT training program for your fire department. Included in this program are numerous examples of innovative training ideas and high-impact forms of delivery that will increase firefighter safety and operational effectiveness on the fireground.

Presented by Timothy E. Sendelbach, Chief of Training Savannah GA Fire & Emergency Services and is currently President of the International Society of Fire Service Instructors (ISFSI).

Class hours: 8
FM Credit: 4 hours

Hazmat Technician Refresher for 40 hour EPA

Course #: 05200	Days: June 9	Time: 8:30 - 4:30	Fee: \$ 35.00
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This is a one day refresher for the 40 hour EPA trained Hazardous Materials Technician. An important consideration in all response activities is to protect the health and safety of the responders. To do this the chemical and physical hazards associated with each operation must be assessed, and methods to prevent or reduce harm to responders must be identified and implemented. Safety considerations contribute to every activity undertaken and are a goal of each response activity. Topics to be covered during this full day class are: Recognizing & Identifying, Metering, Control techniques, Personal protective equipment and decontamination.

Class hours 8
FM Credit: 3 hours

Helicopter Rescue Operations

Course #: 05203	Days: June 10	Time: 8:30 - 4:30	Fee: \$ 30.00
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This full day program is designed to familiarize the initial responder/rescuer or fire officer with proper command and control when a helicopter is utilized at an incident. Participants will be able to identify the helicopter resources; review safe practices and controlling the environment; provide proper integration of the fire department and flight crew; and identification of rigging and special rescue devices. Safe operation, along with the requirements for a helicopter landing zone will be covered.

Full protective clothing (no SCBA) is required.

Class hours: 8

Highway Safety (VFIS)

Course #: 05187	Days: June 8	Time: 12:30 - 4:30	Fee: \$ 15.00
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This program is designed to present the necessary classroom instruction and evaluation of learning for emergency service personnel that may be involved in highway incidents that require them to work in close proximity to moving traffic. This program will verify proficiency in the knowledge and understanding of safety principles and practices at vehicle-related highway incidents. During this course, the term “highway” will refer to any highway that a vehicle is able to traverse. This includes an interstate, two-lane suburban road, rural roadway, dirt, or any semi-improved and unimproved roadway. Essentially, it is any roadway through which a vehicle could travel. This program is presented by VFIS.

Class hours: 4

Hurst Tool

Course #: 05160	Days: June 4	Time: 8:30 - 4:30	Fee: \$ 30.00
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This program is designed to provide knowledge in the use of the Hurst Tool and how to apply that knowledge in auto extrication situations. Safe operation of the oldest and newest equipment in Connecticut will be demonstrated. Instructors for this program include representatives from the Hurst Tool Manufacturer, repair personnel, and Connecticut Fire Academy faculty who have been trained by Hurst Emergency Products Division of the Hale Product, Inc., Group. Topics covered include facts about the tool, problem solving, field maintenance, proper applications and safe operation.

Full protective clothing (no SCBA) is required.

Class hours: 8

Implementing GPS and AVL Technology in your Fire Service

Course #: 05156	Days: June 4	Time: 8:30 - 12:00	Fee: \$ 15.00
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Knowing where your fire vehicles are is practically free today, or at least cheap information is falling from the sky. But you can spend a little or a lot on the mobile hardware and software to utilize this information. This talk will explain how GPS (Global Positioning System) and AVL (Automatic Vehicle Location) technologies work and equip you with the knowledge you need to acquire, configure and use it in your department. Learn what works and what doesn't, and how the combination of GPS, AVL and mobile computing improves firefighter safety and command effectiveness.

Presented by Daniel K. Kehoe, President Bigfoot Labs

Class hours: 3.5

Introduction to Bus Extrication

Course #: 05152	Days: June 4, 5	Time: 8:30 - 4:30	Fee: \$ 75.00
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The objective of this two-day program is to introduce the firefighter to extrication of victims from buses. This program is aimed at those individuals who are actively involved in vehicle extrication and have experience with basic hand tools, hydraulic tools, pneumatic tools and stabilization techniques.

Topics covered include: types of construction; problem solving; safe application of tools and hands on scenarios.

Full protective clothing (no SCBA) is required.

Class hours: 16

Managing Effective Fire Streams

Course #: 05171	Days: June 6	Time: 8:30 - 4:30	Fee: \$ 30.00
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This course describes and demonstrates basic company strategic planning to help develop effective operational procedures that the student can tailor to their own department. The course explains theories of direct and indirect attacks while using research, which indicates that many tactics presently used for interior attacks, may intensify burning and elevate risks to firefighters. This course will offer intensive instruction in safety and increasing flows on handlines with reduced staff. Hands-on instruction with low pressure combination nozzles, smooth bore nozzles and flow meters will reinforce the students knowledge.

Class is presented by Gordon Harris, Northeast Regional Manager, Elkhart Brass Company

Full protective clothing (no SCBA) is required.

Class hours: 8

FM Credit: 2 hours

Mark 1 Kit - Train the Trainer

Course #: 05204	Days: June 10	Time: 12:30 - 4:30	Fee: \$ 15.00
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This course is derived from the Chemical Stockpile Emergency Preparedness Program to provide consistency in the information delivered to all first responders intended to use the Mark 1 Nerve Agent Antidote Kit (NAAK). To attend this program your agency or municipality must have signed on to this program with the Department of Public Health. You must be a certified Fire Service Instructor or Emergency Medical Service Instructor.

Proof of Instructor certifications must be submitted with your application.

Class hours: 4

Module 1 of Pathways to NFPA 472 Certification
NFPA 472 Module # 1 Make Up Day

Course #: 05159	Days: June 4	Time: 8:30 - 4:30	Fee: \$ 30.00
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This first module is a mandatory module for all firefighters entering into the Pathways to NFPA 472 Certification Program. There are 12 Modules for this program and firefighters should contact the training division to have an academic evaluation of your training records. Once entered into the Pathways to Certification Program, you have two-years from the time of application to complete your certification. This program saves you time, money and awards you credit for your previous work.

Class hours: 8

Medical Response Technician (MRT) Refresher

Course #: 05154	Days: June 4, 5	Time: 8:30 - 4:30	Fee: \$ 95.00
Course #: 05169	Days: June 6, 7	Time: 8:30 - 4:30	Fee: \$ 95.00

This two-day course is designed to review and refresh knowledge and skills for currently certified Medical Response Technicians and to introduce the changes in content, philosophy and emphasis of the latest U.S. DOT First Responder National Standard Curriculum. Classroom and “hands-on” training will update the MRT on current practices and confirm skill levels.

A review and renewal of Healthcare Provider CPR will be conducted in conformance with the latest JAMA standards through approved programs of the American Heart Association.

Course topics include: well-being of the First Responder, legal and ethical issues, the human body, lifting and moving, airway management, assessment of patient, medical emergencies, trauma emergencies, childbirth, infants and children, gaining access and triage, and automated external defibrillation.

Practical laboratory sessions will include: bleeding control and bandaging and splinting. Comfortable clothing is suggested for these sessions.

Written and practical examinations will be conducted in conformance with policies established by the State of Connecticut Department of Public Health.

Prerequisites: Applicants must be Certified Medical Response Technicians (MRT). Proof must be submitted with application.

Class Hours: 16

New Vehicle Technology for the First Responder

Course #: 05205	Days: June 10	Time: 8:30 - 4:30	Fee: \$ 60.00
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With occupant safety and fuel economy at the forefront of automakers designs, new technology is emerging every day. The use of exotic metals, next generation airbags, and alternative fuels has become more and more common. With this has come more challenges. Do you know how to safely handle these vehicles when they have been in an accident. Learn how to safely disable the high voltage systems in the gasoline/electric hybrid car. Learn how to disable the restraint system, where the new components are installed and where not to cut while extricating.

Class is presented by Larry Smith of Best in Emergency Services Training from North Carolina and an adjunct instructor for I-Car.

Full protective clothing (no scba) is required.

Class Hours: 8

NIMS Informational Sessions

Course #: 05158	Days: June 4	Time: 12:30 - 4:30	Fee: Free
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The National Incident Management System (NIMS) provides a consistent nationwide template to enable all government, private sector and non-governmental organizations to work together during domestic incidents. In addition to the adoption of a national Incident Command System, NIMS identifies six focus areas to improve the nation's response capabilities for all kinds of hazards – no matter what size, scope, cause or complexity. The six components of NIMS include: Command and Management; Preparedness; Resource Management/Mutual Aid; Communications and Information Management; Supporting Technologies; Ongoing NIMS Management and Maintenance

The aim of this informational session is to build on the Connecticut Fire Academy's goal of providing fire departments and municipalities with contemporary information on NIMS compliance. This session is intended for state and municipal police, emergency medical services personnel, fire departments, elected and appointed government officials (mayors, select-persons, corporation counsels, public works directors, etc.) and support personnel from throughout the state. Any organization that may find an employee in a first-responder role needs to understand the concepts of the NIMS system and be capable of operating within it.

Class hours: 4

FM Credit: 4 hours

OSHA Mandates

Course #: 05181	Days: June 7	Time: 12:30 - 4:30	Fee: \$ 15.00
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This half-day program will address issues related to OSHA standards that affect emergency responders. Current updates and changes will be highlighted.

Topics include: equipment testing; firefighter and other emergency responder training requirements; respiratory standard compliance; fit testing; issues dealing with hazardous material incidents; recordkeeping; consultation services; how to prepare your department for an OSHA inspection and anticipated future standards.

Presented by CT OSHA – Personnel

Class Hours: 4

FM Credit: 2 hours

Planning For and Safety in Waterfront and Marina Operations

Course #: 05201	Days: June 9	Time: 8:30 - 4:30	Fee: \$ 30.00
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This course, designed for the fire officer or those who respond to waterfront areas, is an overview on review and design of emergency plans and SOP's for waterfront areas using hazard and risk analysis. The course will also cover safe operations and developing drills and exercises to test plans and raise personnel skills and safety in responses to the waterfront. Class includes: Assessing waterfront and marina hazards and determining the risks; developing equipment needs; the fireboat – liability or asset; case studies to develop plans; planning and assessing response; water supply problems.

Class Hours: 8

Preparing for Promotional Interviews

Course #: 05188	Days: June 8	Time: 8:30 - 4:30	Fee: \$ 30.00
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Have you ever wondered what you should wear, how to act or how to succeed in an oral interview? If so, this one-day course is for you. Based on information from instructors who sit on oral boards on a regular basis, this course reviews techniques on how to prepare and present yourself to an oral panel. This course is centered on “line officer” interviews; however, the techniques of preparation also apply for entry and administration levels. The afternoon session will give the participant an opportunity to try his/her skills at a mock oral interview.

Prerequisites: None

Class hours: 8

Public Information Officer

Course #: 05189	Days: June 8, 9	Time: 8:30 - 4:30	Fee: \$ 60.00
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This course is designed to instruct participants in the basic methods for establishing and maintaining a positive relationship with the news media. Fire department activities-including public fire education programs; both man-made and natural disasters, and emergencies response; make developing policies and training for dealing with the news media essential.

Discussion topics will cover: public disclosure laws; media relations; and news releases. Participants will learn the basics of preparing news releases, setting up press conferences, and the responsibilities of the Public Information Officer (PIO) at the scene of an emergency. Students will participate in mock briefing with reporters from various newspapers.

Class hours 16

FM Credit: 8 hours

Rapid Intervention Teams (RIT)

Course #: 05195	Days: June 9, 10	Time: 8:30 - 4:30	Fee: \$ 95.00
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This is an intensive course on fire behavior and fire survival training. Using scenarios based on real-life incidents, this class identifies problems that were encountered and offers possible solutions for the safe and efficient removal of members in distress. Safely removing a trapped or unconscious firefighter from a burning building is a labor-intensive operation. Methods of searching for a missing firefighter in a large open area will be covered and the participant will be able to conduct this type of search.

Full protective clothing, including SCBA with one spare cylinder, is required.

Prerequisites: Applicants must be Certified Firefighter 1

Class hours: 16

Rescue Technician - Core

Course #: 05163	Days: June 5, 6, 7, 8, 9, 10	Time: 8:30 - 4:30	Fee: \$ 225.00
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The core program is designed to introduce the student to the performance requirements of the NFPA 1006 Rescue Technician. Students will learn the basics of site operations, size-up, resource management, hazard/risk assessment, ground support for helicopter operations, and incident management as it relates to the rescue environment.

Students will learn skills to use rope-rescue equipment to manage victims, anchor-rope systems, build and operate lowering and hauling systems in a low angle environment. Students will also be able to inspect and maintain related rescue equipment.

This program is a prerequisite for all other technical rescue disciplines.

The PPE requirements are rescue gloves, a protective helmet and footwear.

Prerequisites: Applicants must be a minimum of a MRT or EMT for future certification.

Class Hours: 48

Responding to Utility Emergencies

Course #: 05182	Days: June 7	Time: 8:30 - 12:00	Fee: \$ 15.00
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Responding to Utility Emergencies is one of the most common events fire fighters have to face. Yet we have only a limited knowledge of the lethal hazards present. This program presents a timely and common-sense approach to handling utility emergencies. Using subject matter experts from the utility industry Michael Callan developed a textbook, *Responding to Utility Emergencies*. Through the text book and in conjunction with an Instructor CD he delivers practical, experienced-based training with which the responder can successfully handle electric and natural gas emergencies in the future.

All the documents discussed in these classes are available from IFSTA and the Connecticut Fire Academy Bookstore. There will be a limited number of both textbooks and training CDs available for purchase by the students at the end of class.

Class hours: 3.5

Scott Air-Pack Field Maintenance 2.2 – 4.5

Course #: 05194	Days: June 8	Time: 8:30 - 4:30	Fee: \$ 30.00
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This one day program is designed to acquaint your personnel with field maintenance of Scott 2.2/4.5 SCBA's. Major emphasis is placed upon student participation in a series of hands-on exercises under the supervision of a Scott technician.

Topics will include inspecting, cleaning, disinfecting, parts replacement and trouble shooting.

This class will not cover the NxG2 SCBA

Each participant will be required to bring their own 2.2 - 4.5 SCBA only.

Participants should also bring the following tools: small flat screwdriver, number 2 phillips screwdriver, standard pliers, 1/8" pin punch, 1/2" and 5/8" open-end wrenches and 10" adjustable wrench.

Class hours: 8

FM Credit: 8 hours

Smoke Divers

Course #: 05170	Days: June 6, 7	Time: 8:30 - 4:30	Fee: \$ 75.00
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This physically challenging two-day course was developed to raise the skills for the advanced SCBA user. With the emphasis on physical fitness and readiness, this course will start with a brief classroom session and then move to the training ground. The Connecticut Fire Academy Training Maze will be used during the course.

Full protective clothing, including SCBA and one spare cylinder, is required. Participants are encouraged to bring exercise clothing, running shoes, and/or sneakers.

Prerequisites: Applicants must be a Certified Firefighter I or have been a member of the fire service on or before July 1, 1977. Proof must be submitted with application.

Class hours: 16

Standpipe Operations

Course #: 05190	Days: June 8	Time: 8:30 - 4:30	Fee: \$ 30.00
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Whether you are in a large or small department, a 60-story hi-rise or a 2-story nursing home, standpipes are becoming more prevalent.

Standpipe operations are extremely overlooked, taken for granted and an under-trained evolution with most fire departments. Standpipes are still misunderstood.

This course will cover fatal incidents in past fires involving standpipes and how to avoid getting into dangerous situations during standpipe operations. Standpipe operation, proper equipment to use with standpipes, how to overcome problems with standpipes and duties of the members of an engine company will all be discussed. The student will go home with a new outlook on Standpipe Operations and be able to create or modify their standpipe packs/kits and assist their department with creating their own SOGs/SOPs.

Full PPE and SCBA will be required, as practical exercises will be conducted.

Class hours: 8
FM Credit: 3 hours

Station Evaluators Training

Course #: 05207	Days: June 10	Time: 12:30 - 4:30	Fee: Free
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This half-day program is designed to establish a standard testing environment for students taking certification skill evaluations. Participants will learn the criteria for being professional and effective station evaluators. Participants will also practice completing skill sheets after viewing videotaped performances.

Any instructor wishing to become a station evaluator at any state certification exam site must complete this course.

Prerequisites: Participants must be state certified as Fire Service Instructor I. Proof must be submitted with application.

Class hours: 4

Strategy & Tactics/Peterborough

Course #: 05184	Days: June 7, 8	Time: 8:30 - 4:30	Fee: \$ 60.00
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This two-day course is designed to develop fireground skills for the company officer. This basic fireground control course is essential to all company officers and senior firefighters.

Topics include: the role of the incident commander, engine and truck company officer, engine and truck company operations, coordination and application of tactical operations, fire and alternate fire attack, staff deployment, building construction, the Incident Safety and firefighter safety.

This class will integrate the use of the CFA tabletop community name Peterborough to perform and apply the practical skills learned throughout this course.

Prerequisites: None

Class hours: 16
FM Credit: 3 hours

Street Smart Hazmat Response
A common sense approach to handling hazardous materials

Course #: 05183	Days: June 7	Time: 12:30 - 4:30	Fee: \$ 15.00
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Whether you are a first responder, Hazmat technician, industrial response team member or any other type of emergency responder you have to be “street smart” to survive. This session looks at some practical lessons and approaches to handling dangerous chemicals.

The session will look at the safety and response attitudes in place that limit successful emergency response activities. Using illustrations from his new book from ISFTA, Street Smart Hazmat Response, Mike Callan will bring a practical approach to hazmat size-up and a common sense method to making decisions at a hazardous materials event. Plus, Mike brings his own unique training style to this educational and enjoyable session.

Class hours: 4

Structural Firefighting

Course #: 05186	Days: June 8, 9	Time: 8:30 - 4:30	Fee: \$ 150.00
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This is a two day program involving live fire training for fire department members who are certified Firefighter I or above. The program will begin with a number of evolutions to build skills and knowledge of breathing apparatus, yourself and your protective clothing. The program will then move out to the burn building where the remainder of the time will be spent fighting fires. Evolutions will include fire suppression, performing ladder company operations and rescue work. Full protective clothing is required with SCBA and two spare cylinders (total of three cylinders).

The second day of the class will be held at the Springfield Fire Department Class A Burn Building Training facility.

Prerequisites: Applicants must be certified Firefighter I or firefighters who have been members of a fire department on or before July 1, 1977. Proof must be submitted with application.

Class hours: 16

Tactical Considerations for Aerial Apparatus

Course #: 05180	Days: June 7, 8	Time: 8:30 - 4:30	Fee: \$ 75.00
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This course will cover, in detail, the responsibilities of the aerial operator and will also explore some of the options available to the aerial operator in both emergency and non-emergency situations. Topics include: apparatus placement, stabilization practices, elevation and aerial safety, class includes hands-on practical exercises.

Prerequisites: None

Class hours: 16

Taking Care of Our Own®: A Fire Chief's Guide to Preparing for a Line-of-Duty Death

Course #: 05166	Days: June 6	Time: 8:30 - 4:30	Fee: Free
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A fire department does not know when it will have a line-of-duty death or serious injury. Does it have a plan in place? Are personnel records current? Does the department know how to make timely and proper notifications? Fire chiefs and survivors tell us that most fire departments are not prepared for a line-of-duty death. "Taking Care of Our Own" provides senior fire officers specific information and valuable insights.

Presented by the National Fallen Firefighters Foundation Training Program.

Class hours: 8

Tanker Shuttle Rural Tanker Operations

Course #: 05155	Days: June 4, 5	Time: 8:30 - 4:30	Fee: \$ 75.00
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The 2-day class will show the student the importance of pre-planning water sources and operations for rural water supply tanker operations before the need arises.

The program will cover the following components;

- Safe tanker operations, driving, filling and dumping;
- Developing proper fill sites and techniques;
- Tanker design and efficiency;
- Recognizing proper water sources;
- Evaluating and developing proper dump sites / i.e., ISO rating for your town.
- Organizing mutual aid for tanker task force concepts.

Practical evaluation

On the final day of class, students will incorporate information given and provide for a 750 gal. Flow rate for a minimum of 2 hrs.

Class hours: 16

The Science of Politics and the Fire Service

Course #: 05208	Days: June 10	Time: 12:30 - 4:30	Fee: \$ 15.00
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Local, state, and national politics significantly impact the fire service. The ability of fire service leaders at all levels to understand and accept the realities of the political process, as well as to respect the impact elected officials have on fire service resources and effectiveness is critical. This session explores politics from various perspectives. Enhancing our “political expertise” is important to the future of the fire service. This unique session opens the door and sets the stage for ongoing political science education and training.

Presented by Chief Dennis Compton, International Fire Service Training Association

Class hours: 4

FM Credit: 2 hours

Vent – Enter – Search

Course #: 05174	Days: June 6	Time: 8:30 - 4:30	Fee: \$ 30.00
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This one-day course will teach the students proper ladder placement to access an exterior window and how to properly force the window opening by breaking and clearing away all obstructions. Students will learn how to safely enter a room, deploy proper search procedures, use hand tools to stay in contact with the window opening or wall, control the room door and conduct a search.

Students will learn the effective use of a Thermal Imaging Camera to assist in vent, entry and search.

Full protective clothing, including SCBA with one spare cylinder, is required.

Prerequisites: applicants must be Certified Firefighter I

Class hours: 8

Registration

Complete the application found in the middle of the brochure and return it to the Commission on Fire Prevention and Control, along with your check, credit card or Purchase Order number. Seating for all programs is limited.

- For your convenience, VISA and MasterCard are accepted.
- Check individual course descriptions for course cost.

All participants are invited to the opening ceremony each morning located in the large tent. After opening remarks all participants should report directly to the classroom in which their program will be delivered. Room assignments for all classes will be listed on the TV monitors in the building lobby. Same day registrations (if space is available) or problems with program selection will be handled at the “Help Desk” located in the Training Division office adjacent to the building lobby. The Help Desk will be staffed from 8:00 A.M. through 1:00 P.M.

Registrations at the door will be limited to only those programs with space available.

- **Refund Policy:** As with all Commission on Fire Prevention and Control programs, only those students canceling at least seven days in advance will receive a full refund.
- **Protective Clothing:** Each student is required to bring his or her own personal protective clothing when needed for a class. Full protective clothing includes: coat, boots with pants, helmet, hood, gloves and SCBA.

Note: Student with facial hair that interferes with the facepiece seal will not be permitted to participate wearing SCBA.

Where Applicable: The prerequisites for Firefighter I may be substituted by having been a member of a fire department on or before July 1, 1977. A letter of verification/proof signed by the chief of the department must accompany the applications.

Tuition Includes On-Site Lunch Service

Make the most of your lunchtime by dining in. The cost of lunch is included in your tuition. You'll have plenty of time to eat, tour the grounds, view the vendor exhibits and be on time for your schedule programs.

Lodging

Connecticut Fire Academy

Dorm Room Reservation Service

Windsor Locks, Connecticut 06096

860-258-4025

Lodging will be available on a first-come, first-served basis. Participants must be confirmed in a class for the date(s) being requested. All dorm rooms must be reserved by telephone call to the reservation service.

A number of hotels, motels and inns are located along Route 75 near Bradley International Airport. Check the local Yellow Pages listing for further details.

Connecticut Fire Academy Book Store

A service to the firefighting community



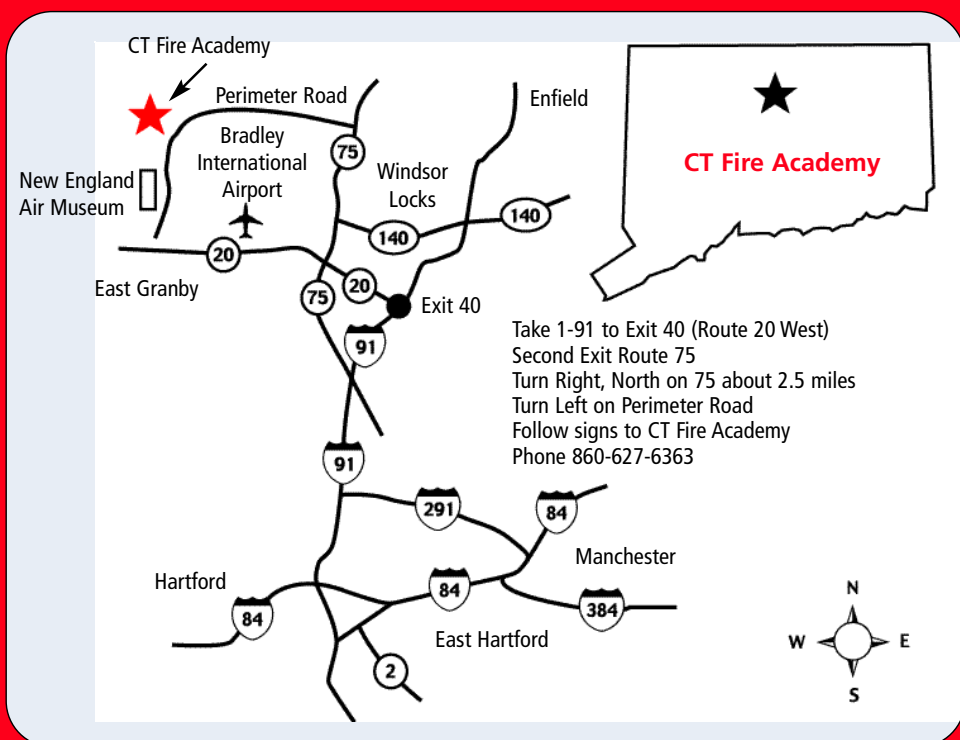
The Connecticut Fire Academy Book Store boasts an impressive selection of affordably priced books and study guides for firefighters. We're also proud of our knowledgeable staff that's on duty to help you with your purchases. Now that you're all fired up, call or stop by. And step on it!

Directions to Connecticut Fire Academy

34 Perimeter Road Windsor Locks, CT 06096-1069

Main Phone Number (860) 627-6363 • In-State Toll Free 1-877-528-3473

I-91 North or South to exit 40 (Route 20, Bradley Connector). Follow Route 20 West 1.7 miles to the exit for Route 75. Take a right off the exit onto Route 75 North and follow 2.5 miles. Take a left onto Perimeter Road (see sign for the CT Fire Academy and the New England Air Museum). Continue 1.4 miles to the Academy, which will be on your right. Parking is available at the rear of the building.



CONNECTICUT FIRE ACADEMY



State of Connecticut Commission on Fire Prevention and Control
34 Perimeter Road, Windsor Locks, CT 06096-1069
www.ct.gov/cfpc

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